## **AMENDMENTS TO THE CLAIMS:**

- 1. (Canceled)
- (Currently Amended) The heat exchanger of claim 1 claim 5, wherein
   a fluid flow path is defined between the reinforcing body and the aligned openings defining said one passage.
- (Currently Amended) The heat exchanger of claim 1 claim 5, wherein
   said reinforcing body is a substantially cylindrical rod and said one passage is substantially round whereby fluid passes through an annular portion of said one passage around said
   reinforcing body.
  - 4. (Canceled)
- 5. (Currently Amended) A The heat exchanger of claim 4, further for
   2 exchanging heat between a first fluid and a second fluid, comprising:
- a plurality of stacked plates, including a cover plate on one side of the stacked

  plates and a base plate on the other side of the stacked plates, wherein

  said plates have flat portions spaced from one another to define channels
- 6 <u>therebetween</u>,

	each of said plates except said base plate include first, second, third and
8	fourth openings therethrough, said openings being aligned to define
	first, second, third and fourth passages through said stacked plates,
10	said first and third passages being input and output passages, re-
	spectively, for said first fluid and said second and fourth passages
12	being input and output passages, respectively, for said second fluid,
	<u>and</u>
14	said first fluid input and output passages communicate with a first group of
	said defined channels and said second fluid input and output pas-
16	sages communicating with a second group of said defined channels,
	said channels of said first group being alternately disposed between
18	said channels of said second group;
	a reinforcing body disposed in one of said first, second, third and fourth passages,
20	said reinforcing body being secured to said cover plate and said base plate
	and spaced from the sides of the openings defining said one of said first,
22	second, third and fourth passages in said stacked plates between said cover
	and base plates, wherein
24	the opening of said cover plate defining said one passage has a collar
	therearound defining a diameter smaller than the diameter of the
26	openings of the other plates defining said one passage,
	said reinforcing body has a neck secured in said collar, and

28	fluid openings extend through said collar communicating with said one pas-
	sage; and
30	a connector secured to said cover plate and adapted to connect with a fluid line
	whereby fluid may flow between said fluid line and said one passage
32	through said fluid openings.
	6. (Currently Amended) The heat exchanger of claim 4 claim 5, wherein
2	said reinforcing member body neck is soldered in said collar.
	7. (Currently Amended) The heat exchanger of claim 4 claim 5, wherein
2	said collar is an integrally formed deformation of said cover plate.
	8. (Currently Amended) The heat exchanger of claim 4 claim 5, wherein
2	said collar is a ring fixed to said cover plate.
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	9. (Currently Amended) The heat exchanger of claim 4 claim 5, wherein:
2	a fluid flow path is defined between the reinforcing body and the aligned openings
	defining said one passage; and
4	said fluid flow path having a cross-sectional area substantially the same as the total
	cross-sectional area of said collar fluid openings.

- 10. (Currently Amended) The heat exchanger of claim 4 claim 5, wherein
   2 said base plate includes a flange, and said reinforcing member body is soldered to said base plate flange.
- 11. (Original) The heat exchanger of claim 10, wherein said flange is an2 integrally formed deformation of said base plate.
- 12. (Currently Amended) The heat exchanger of claim 1 claim 5, wherein
   2 said first and second fluids are different.
- 13. (Original) The heat exchanger of claim 12, wherein said first fluid is
   2 CO<sub>2</sub> for vehicle air conditioner refrigerant and said second fluid is engine coolant.
- 14. (Currently Amended) The heat exchanger of claim 1 claim 5, wherein
   2 said plates have a generally flat heat exchange surface generally surrounded by a beveled edge, and said plates are stacked by nesting said plates with said beveled edges together
   4 and said flat heat exchange surfaces spaced.
- 15. (Original) The heat exchanger of claim 14, wherein said beveled
   edges of nested plates are soldered together.

	1	6. (Currently Amended) The heat exchanger of <del>claim 1</del> <u>claim 5</u> , further
2	comprising:	
	first spa	cing rings around said first and third passages blocking communication of
4	S	aid first fluid input and output passages with said second group of defined
	c	hannels; and
6	second	spacing rings around said second and fourth passages blocking communi-
	C	eation of said second fluid input and output passages with said first group of
8	d	lefined channels.
	1	7. (Original) The heat exchanger of claim 16, wherein said first spacing
2	rings are secui	red in the space between said plates defining said second group of defined
	channels.	
	. 1	8. (Currently Amended) A The heat exchanger of claim 1, for exchang-
2	ing heat betwe	een a first fluid and a second fluid, comprising:
	<u>a plural</u>	ity of stacked plates, including a cover plate on one side of the stacked
4		plates and a base plate on the other side of the stacked plates, wherein
	<u>s</u>	said plates have flat portions spaced from one another to define channels
6		therebetween,
	<u> </u>	each of said plates except said base plate include first, second, third and
8		fourth openings therethrough, said openings being aligned to define
		first, second, third and fourth passages through said stacked plates,

10	said first and third passages being input and output passages, re-
	spectively, for said first fluid and said second and fourth passages
12	being input and output passages, respectively, for said second fluid,
	<u>and</u>
14	said first fluid input and output passages communicate with a first group of
	said defined channels and said second fluid input and output pas-
16	sages communicating with a second group of said defined channels,
	said channels of said first group being alternately disposed between
18	said channels of said second group; and
	a reinforcing body disposed in one of said first, second, third and fourth passages,
20	said reinforcing body being secured to said cover plate and said base plate
	and spaced from the sides of the openings defining said one of said first,
22	second, third and fourth passages in said stacked plates between said cover
	and base plates;
24	wherein alternating plates between said cover plate and said base plate have a
	thickness generally corresponding to the thickness of the cover and base
26	plates, and said plates between said alternating plates have a thickness less
	than said cover and base plate thickness.

	19. (Currently Amended) A heat exchanger for exchanging heat between
2	a first fluid and a second fluid, comprising:
	a plurality of stacked plates, including a cover plate on one side of the stacked
. 4	plates and a base plate on the other side of the stacked plates, wherein
	said plates are have flat portions spaced from one another to define chan-
6	nels therebetween,
	each of said plates except said base plate include first, second, third and
8	fourth openings therethrough, said openings being aligned to define
	first, second, third and fourth passages through said stacked plates,
10	said first and third passages being input and output passages, re-
	spectively, for said first fluid and said second and fourth passages
12	being input and output passages, respectively, for said second fluid,
ě	and
14	said first fluid input and output passages communicate with a first group of
	said defined channels and said second fluid input and output pas-
16	sages communicating with a second group of said defined channels,
	said channels of said first group being alternately disposed between
18	said channels of said second group;
	a first reinforcing body disposed in said first passage, said first reinforcing body
20	being secured to said cover plate and said base plate and spaced from the
•	sides of the openings defining said first passage in said stacked plates
22	between said cover and base plates; and

24 body being secured to said cover plate and said base plate and spaced from the sides of the openings defining said third passage in said stacked plates between said cover and base plate;

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wherein alternating plates between said cover plate and said base plate have a thickness generally corresponding to the thickness of the cover and base plates, and said plates between said alternating plates have a thickness less than said cover and base plate thickness.

- 20. (Original) The heat exchanger of claim 19, wherein said plates are generally rectangular, and said first and third passages are disposed adjacent opposite corners of said plates.
- 21. (Original) The heat exchanger of claim 19, wherein said first fluid is
   2 CO<sub>2</sub> for vehicle air conditioner refrigerant and said second fluid is engine coolant.
- 22. (Original) The heat exchanger of claim 19, further comprising:
   a third reinforcing body disposed in said second passage, said third reinforcing body being secured to said cover plate and said base plate and spaced from the sides of the openings defining said second passage in said stacked plates between said cover and base plates; and

a fourth reinforcing body disposed in said fourth passage, said fourth reinforcing body being secured to said cover plate and said base plate and spaced from the sides of the openings defining said fourth passage in said stacked plates between said cover and base plates.